

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Yoshinori IKETAKI et al.

Attn: APPLICATION BRANCH

Serial No. NEW

Docket No. 2001_0327A

Filed March 22, 2001

DOUBLE-RESONANCE-ABSORPTION
MICROSCOPE

#4/A
17 Nov 01
P. Talbot

PRELIMINARY AMENDMENT TO REDUCE PTO FILING FEE

Assistant Commissioner for Patents,
Washington, DC 20231

Sir:

Please amend the above-identified application as follows.

In the Claims:

Kindly amend claims 3, 7, 10, 15-17, 19, 21, 24, 25, 31, 32, 40-42, 44, 48-50, 55 and 56
as follows.

A1
3. (Amended) The double-resonance-absorption microscope according to claim 1,
further comprising a phase modulation element which gives, to the erase light passed through the
spatial filter, a phase difference of π around an optical axis of the erase light as the optical axis
being a center.

A2
7. (Amended) The double-resonance-absorption microscope according to claim 1,
wherein a sample is doped with a fluorescence labeler molecule having at least three electronic state
including a ground state and the sample molecule is the fluorescence labeler molecule.